INTELLIGENT ROAD AND RAIL INFORMATION SYSTEMS AND METHODS

ABSTRACT OF THE DISCLOSURE

The present invention is a web-based transportation decision support system and geographic information system (GIS) application that leverages intelligent transportation system (ITS) information available from federal, state, local, and commercial transportation sources. The invention provides users with detailed road and rail information about routes and infrastructure characteristics, as well as real-time information from cameras, speed sensors, construction and accident reporting systems, and GIS based weather. Additionally, the invention provides users with the immediate ability to track and report surface shipments on an extremely accurate spatial data background.